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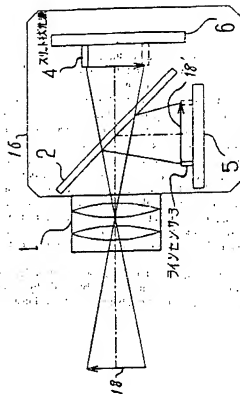
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TITLE : LINE SENSOR SCANNING TYPE
CAMERA



ABSTRACT : PURPOSE: To eliminate the need for a large scale lighting device and to make the entire system including a camera small by providing a light source emitting a light of slit shape and moving the slit light from the light source while irradiating only a pickup object position of an object synchronously with the movement of a line sensor.

CONSTITUTION: A slit light source 4 is arranged at a position in conjugation with an image forming face at a line sensor 3 with respect to an image pickup lens 1 at the back of a beam splitter 2. A light having a width passes through the beam splitter 2 from the slit light source 4 and the slit light is emitted on a part picked up by the line sensor 3 on an object 18 through an image pickup lens 1. Moreover, the slit light source 4 is moved by a moving stage 6 while keeping a position in conjugation with the line sensor 3. Then while only the part picked-up for the object 18 is moved, the part is lighted by the image pickup lens 1 through the beam splitter 2. Thus, the power of the light source is reduced without emitting useless light to parts other than the picked-up part of the object.

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